

Form PTO-1449

Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
D/96176D1D

APPLICATION NO.

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT Ram S. Narang et al.

FILING DATE

GROUP ART UNIT

S. PRO
1016 U 016469
11/03

01/07/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
GJ	5,268,444	12/7/93	Jensen et al.	528	125
GJ	4,086,209	4/25/78	Hara et al.	260	49
GJ	5,753,783	5/19/98	Fuller et al.	525	471
GJ	5,681,888	10/28/97	Hideo Nomura et al.	524	496
GJ	3,455,868	7/15/69	William J. D'Alessandro	260	38
GJ	5,336,720	8/9/94	Susanna E. Richards et al.	525	78
GJ	4,435,496	3/6/84	Walls et al..	430	285
GJ	4,623,558	11/18/86	Shiow C. Lin	427	44
CJ	4,667,010	5/19/87	Sameer H. Eldin	528	125
GJ	5,438,082	8/1/95	Helmer-Metzmann et al.	522	149
GJ	5,561,202	10/1/96	Helmer-Metzmann et al.	525	471
GJ	3,914,194	10/21/75	Smith	260	18R
GJ	4,110,279	8/29/78	Nelson et al.	260	19R
GJ	3,367,914	2/6/68	Herbert	260	52
GJ	2,125,968	8/9/38	Theimer	260	153
GJ	4,739,032	4/19/88	Jones	528	230
GJ	4,448,948	5/15/84	Tsubaki et al.	528	95

FOREIGN PATENT DOCUMENTS

	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N
GJ	EPC	0-281-808	9/14/88	Siemens Aktiengesellschaft Berlin und Munchen	Y
GJ	EPC	0 663 411 A1	7/19/95	Yokoshima et al.	Y

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

GJ	DALY, "Chloromethylation of Condensation Polymers Containing an Oxy-1,4-Phenylene Backbone," Polymers Preprints (1979) Vol. 20, No. 1, pp. 835-837
GJ	CAMPS, "Chloromethylstyrene: Synthesis/Polymerization, Transformations, Applications," JMS-REV. MACROMOL. CHEM. PHYS. C22(3), 343/407 (1982-1983)

EXAMINER

*Cynthia Jamison*DATE CONSIDERED *6-19-03*

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Form PTO-1449 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. D/96176D1D	APPLICATION NO.
		APPLICANT	Ram S. Narang et al.	
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OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)				
Gf	TABATA, "Pulse Radiolysis Studies on the Mechanism of the High Sensitivity of Chloromethylated Polystyrene as an Electron Negative Resist," 1984 pp. 287-288			
Gf	JUREK, "Deep UV Photochemistry of Copolymers of Trimethylsilylmethyl Methacrylate and Chloromethylstyrene," Polymer Preprints, 1988, pp. 546-547			
Gf	HERGENROTHER, "Poly(arylene ethers)," Polymer, 1988, Vol. 29, February, 358-369			
Gf	HAVENS, "Ethyne-Terminated Polyarylates: Synthesis and Characterization," Journal of Polymer Science: Polymer Chemistry Edition, Vol. 22 (1984), pp. 3011-3025			
Gf	HENDRICKS, "Flare, A Low Dielectric Constant, High Tg. Thermally Stable Poly(Arylene Ether) Dielectric for Microelectronic Circuit Interconnect Process Integration: Synthesis, Characterization, Thermomechanical Properties, and Thin-Film Processing Studies," Polymer Preprints 37(1) 150 (1996), Vol. 37, No. 1, March 1996, pp. 150-151			
Gf	ZUPANCIC, "Styrene Terminated Resins as Interlevel Dielectrics for Multichip Modules," 1991, pp. 178-179			
Gf	PERCEC, "Functional Polymers and Sequential Copolymers by Phase Transfer Catalysis, 2a)," Makromol Chem. 1984, pp. 1867-1880			
Gf	PERCEC, "Functional Polymers and Sequential Copolymers by Phase Transfer Catalysis, 3a)," Makromol Chem. 1984, pp. 2319-2336			
Gf	PERCEC, "Functional Polymers and Sequential Copolymers by Phase Transfer Catalysis 4. A New and Convenient Synthesis of p- and m-Hydrozymethylphenylacetylene," Polymer Bulletin 10, 223-230, 1983			
Gf	AMATO, "A New Preparation of Chloromethyl Methyl Ether Free of Bis(chloromethyl) Ether," 1979 Georg Thieme Publishers, 2 pages,			
Gf	McKILLOP, "A Simple and Inexpensive Procedure for Chloromethylation of Certain Aromatic Compounds," Tetrahedron Letters, Vol. 24, No. 18, 1983, pp. 1933-1936			
Gf	TEPENITSYNA, "Synthesis of Intermediates for Production of Heat Resistant Polymers (Chloromethylation of Diphenyl Oxide)," Zhurnal Prikladnoi Khimii, Vol. 40, No. 11, November, 1967, pp. 2540-2546			
EXAMINER <i>Antonia Hamilton</i>		DATE CONSIDERED 6-19-03		
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